

Place the Digits



You need a classmate photocopies of the scoresheet copymaster
 a dice showing 0, 0, 1, 2, 3, 4 and a dice showing 0-5



Game

Keriata and Louisa are playing their first round of Place the Digits. The player who makes the largest number wins the round. The first player to win 3 rounds wins the game.

Keriata rolls both dice and gets a 2 and a 5. She adds them together and decides to put the 7 in the tenths column.



Ones	•	Tenths	Hundredths	Thousandths
	•	7		

Louisa hopes to get a high number, too, but she rolls 0 and 1.

Ones	•	Tenths	Hundredths	Thousandths
	•			1

Putting 1 in the thousandths won't do much harm.



The players each roll the dice 3 more times, adding the 2 numbers each time. Each column in their scoresheet must have a digit in it. Once a digit is written down, it cannot be moved.

I wish I'd put that 7 in the ones.

Ones	•	Tenths	Hundredths	Thousandths
4	•	7	3	2

Ones	•	Tenths	Hundredths	Thousandths
4	•	8	0	1

Is 4.801 larger than 4.732?



Play this game with a classmate.

Activity

- You are playing a game of Place the Digits. Your third throw is 4 and 3. Your opponent has 7. $\square 3 2$ and you have $\square . \square 4 0$.
 - If you put your 7 in the ones place, what does your opponent need to throw to win the round? Explain your answer.
 - If you put your 7 in the tenths place, how could you win the round?
- In their first round, Mele has 6 . 4 0 9 and Saulo has 6 . $\square 1 0$. Saulo is about to have his last throw. Who has the best chance of winning the round? Explain your answer.

